

I CLAIM:

1. An improved A-V dialysis graft construction that includes an elongated length of polymer tubing having an inlet end, an outlet end, and a generally uniform inside diameter over a substantial portion of the length of polymer tubing wherein, the improvement comprises  
a reduced diameter intermediate portion formed between said inlet end and said outlet end.
2. The improvement as in claim 1; wherein, the intermediate portion includes a gradually diminishing segment.
3. The improvement as in claim 2; wherein, the intermediate portion further includes a gradually expanding segment.
4. The improvement as in claim 1; wherein, the reduced diameter intermediate portion comprises an abrupt crimped segment.
5. The improvement as in claim 4; wherein, the reduced diameter intermediate portion further comprises a gradually expanding segment.